Name:_____ Date:_____

Distributive Property of Multiplication

Direction:

Use the distributive property to solve the following problems.

a. $3(5+2) = (3 \times 5) + (3 \times 2)$

$15 + 6$

21

b. $2(9+6) = (\quad \times \quad) + (\quad \times \quad)$

$\quad + \quad$

$\quad$

c. $4(7+5) = (\quad \times \quad) + (\quad \times \quad)$

$\quad + \quad$

$\quad$

d. $5(3+8) = (\quad \times \quad) + (\quad \times \quad)$

$\quad + \quad$

$\quad$

e. $8(7+9) = (\quad \times \quad) + (\quad \times \quad)$

$\quad + \quad$

$\quad$

Answer key

Distributive Property of Multiplication

Direction:

Use the distributive property to solve the following problems.

a) $3(5+2) = (3 \times 5) + (3 \times 2)$

$15 + 6$

21

b) $2(9+6) = (2 \times 9) + (2 \times 6)$

$18 + 12$

30

c) $4(7+5) = (4 \times 7) + (4 \times 5)$

$24 + 20$

44

d) $5(3+8) = (5 \times 3) + (5 \times 8)$

$15 + 40$

55

e) $8(7+9) = (8 \times 7) + (8 \times 9)$

$56 + 72$

128